

North Carolina Department of Transportation

NEPA/SEPA Consultation Form

STIP Project No.	<u>BR-0124</u>
WBS Element	<u>48833.1.1</u>
Federal Aid Project No.	<u>2020001</u>

A. Project Description, Location, and Purpose:

The purpose of this project is to replace Bridge No. 960166 on SR 1745 (Shumate Mountain Road) over the West Prong Roaring River in Wilkes County.

Bridge No. 960166 is 136 feet in length. The replacement structure will be a bridge approximately 143 feet in length, will be an approximately 30-foot wide three-span bridge with two 10-foot travel lanes and 3-foot 11-inch shoulders on the existing alignment, and have proposed right of way up to 80 feet. The total length of the project is approximately 635 feet in length.

There will be no posted weight restrictions; the proposed bridge will be designed to meet the legal load rating. The roadway is classified as a Local Route with a 55-mile per hour posted speed limit and a 45-mile per hour design speed. The speed limit will be lowered to 45-miles per hour upon completion of the new bridge.

The bridge will be replaced on the existing alignment while detouring traffic offsite.

B. Consultation Phase: (Check one)

- Right-of-Way
- Construction
- Other: Identify the trigger – (e.g., design change, change in impacts)

C. NEPA/SEPA Class of Action Initially Approved as: (Check one)

- FHWA Class II (CE) (Type I A) 8/30/2019

D. Changes in Proposed Action & Environmental Consequences:

Water Resources

Water resources and classifications in the project area have not changed since the above referenced documents.

Protected Species

As of July 17, 2020, the USFWS lists four protected species for Wilkes County. A memo stating that NCDOT is in compliance with 4(d) with regard to the northern long-eared bat was sent to USFWS (Claire Ellwanger) on 1/6/2020. No biological conclusion is required for bog turtle or rusty-patched bumble bee, and there is no habitat for gray bat present. Section 7 has been resolved for this project.

Historic Architecture and Archaeology

NCDOT has reviewed the Section 106 effects findings for historic properties within the project's area of potential effects (APE), that were made as part of the NEPA analysis. NCDOT has confirmed that there is no new information that would alter the original Section 106 findings and, therefore, they remain valid.

E. Conclusion:

The above NEPA/SEPA documentation has been reevaluated (as required by either 23 CFR 771 or by NC General Statute Chapter 113A Article 1). It has been determined that the current proposed action is essentially the same as the original proposed action. Proposed changes, if any, are noted in Section D. It has been determined that anticipated social, economic, and environmental impacts were accurately described in the above referenced document(s) unless noted otherwise herein. Therefore, the original Administration Action remains valid.

F. Coordination

NCDOT personnel have discussed the current project parameters with qualified NCDOT representatives and FHWA (where applicable). The NCDOT Project Manager, Jacquelyn Bowles, PE, hereby verifies the involvement of the following staff and the incorporation of their technical input:

Design Engineer:	Kevin Bailey	10/2/2020
Environmental Specialist:	Erin Cheely	10/2/2020
FHWA (if applicable):	Name	Date
Other:	Jerry Snead	9/22/2020

G. Consultation Approval for NCDOT Project BR-0124

Prepared By:

11/9/2020

Date

DocuSigned by:
Kim L. Gillespie, PE

Kim L. Gillespie, PE, Project Manager
NCDOT, Project Management Unit

Prepared For:

DocuSigned by:
Jacquelyn Bowles, PE

Jacquelyn Bowles, PE
NCDOT – Structures Management Unit

Reviewed By:

11/9/2020

Date

DocuSigned by:
John Jamison

John Jamison, PWS, Western Region Team Lead
NCDOT – Environmental Policy Unit

- Approved** In adherence with 23 CFR 771 (NEPA) or NC General Statute Chapter 113A Article 1 (SEPA), NCDOT approves this Consultation.
- or
- Certified** NCDOT staff certifies if FHWA signature was previously required or where changes have resulted in FHWA signature being required.

11/9/2020

Date

DocuSigned by:
David Stutts

David Stutts, PE, PEF Project Engineer, Structures Management Unit
North Carolina Department of Transportation

FHWA Approved: FHWA signature required for Type I(B) CE, Type II(B) CE, Type III CE, FONSI or ROD.

Date

N/A

John F. Sullivan, III, PE, Division Administrator
Federal Highway Administration

H. Project Commitments (as of November 6, 2020)

PROJECT COMMITMENTS

T.I.P Project No. BR-0124
Replacement of Bridge No. 166 over West Prong Roaring River
on SR 1745 (Shumate Mountain Road)
Wilkes County
WBS Element 48833.1.1

COMMITMENTS FROM PROJECT DEVELOPMENT AND DESIGN

NCDOT Hydraulics Unit – FEMA Coordination

The Hydraulics Unit will coordinate with the NC Floodplain Mapping Program (FMP), to determine status of project with regard to applicability of NCDOT'S Memorandum of Agreement, or approval of a Conditional Letter of Map Revision (CLOMR) and subsequent final Letter of Map Revision (LOMR).

The Hydraulics Unit coordinated with the FMP on January 27, 2020, which resulted in a May 12, 2020, approval for the FEMA NFIP (National Flood Insurance Program) under NCDOT's MOA with the FMP.

NCDOT Division 11 Construction – FEMA Floodplains and Floodways

This project involves construction activities on or adjacent to FEMA-regulated stream(s). Therefore, the Division shall submit sealed as-built construction plans to the Hydraulics Unit upon completion of project construction, certifying that the drainage structure(s) and roadway embankment that are located within the 100-year floodplain were built as shown in the construction plans, both horizontally and vertically.

NCDOT GeoEnvironmental Section – Phase I Report

Site of concern identified in the Phase I report should be reviewed by the GeoEnvironmental Section once the Final Right of Way plans are complete to determine if Phase II Investigations and Right of Way Recommendations are necessary prior to right of way acquisition.

The site of concern identified in the Phase I Report will not be impacted by project construction activities, and no further investigation is needed by the GeoEnvironmental Section as of November 3, 2020.

NCDOT Structures Management Unit – Public Involvement Newsletter

Prior to ROW, newsletters will be sent out on behalf of NCDOT to the properties affected by the project to inform them of the project and the offsite detour.

Newsletters were sent to the property owners affected by the project on January 22, 2020 to inform them of the project and the offsite detour.

NCDOT Division 11 - Agricultural Land Use

Continued coordination should occur through the right of way phase with the owners of the agricultural lands that are temporarily impacted by the off-site detour.

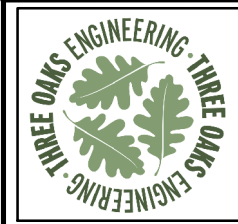
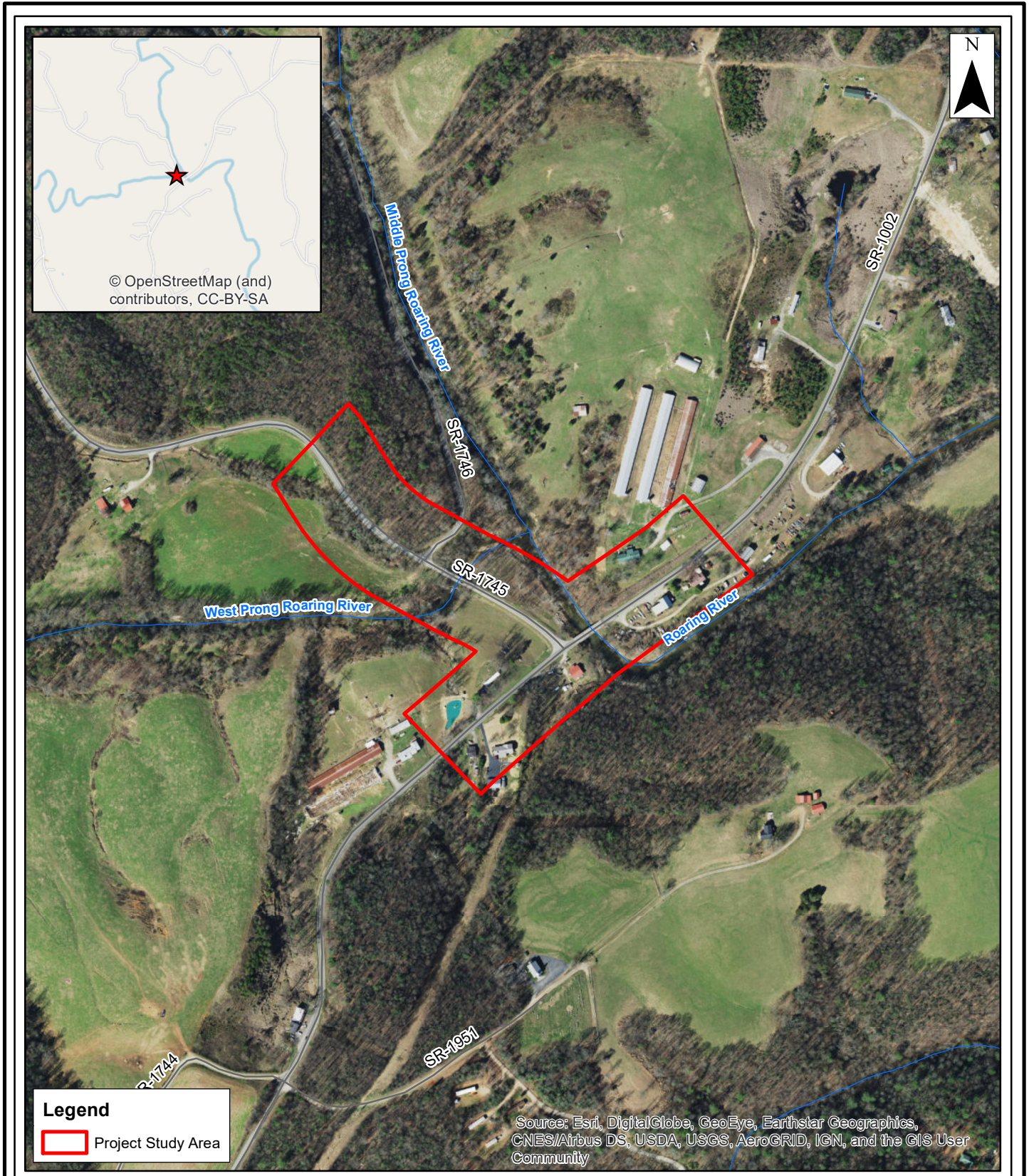
NCDOT Division 11 will continue to coordinate with the owners of the agricultural lands through construction.

NCDOT Division 11 - Schools and Emergency Services

NCDOT will coordinate construction activities with Wilkes County Schools (Eric Barker, 336-667-1126) and Wilkes County Emergency Services (Timothy Pennington, 336-651-7363) at least one month prior to construction.

COMMITMENTS FROM PERMITTING

No new special commitments were developed during permitting.



Prepared For:

Replacement of Bridge No. 166
on SR 1745 (Shumate Mountain Rd.)
over West Prong Roaring River
STIP No. BR-0124
Project Vicinity Map
Wilkes County, North Carolina

Date: JUNE 2019

Scale: 0 200 400 Feet

Job No.: 18-025

Drawn By: CMR Checked By: JSM

Figure
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